

SOUTH DAKOTA

Science and Engineering Profile

	SD	U.S.	Rank		SD	U.S.	Rank
Doctoral scientists, 1995	1,043	453,928	50	Total R&D performance, 1995 (millions)	\$55	\$177,210	51
Doctoral engineers, 1995	77	86,738	52	Industry R&D, 1995 (millions)	\$19	\$130,332	48
S&E doctorates awarded, 1996	24	27,230	52	Academic R&D, 1995 (millions)	\$21	\$21,606	52
of which, in life sciences	63%	25%		of which, in life sciences	58%	55%	
in psychology	17%	13%		in environmental sciences	18%	6%	
in physical sciences	8%	14%		in engineering	12%	16%	
S&E postdoctorates, 1995	17	35,379	51	Higher education current-fund expenditures, 1995 (millions)	\$322	\$182,602	51
in doctorate-granting institutions							
S&E graduate students, 1995	1,286	436,328	46	Number of SBIR awards, 1990-1996	13	26,399	48
in doctorate-granting institutions				Patents issued to state residents, 1996	43	61,099	48
Population, 1996 (000s)	732	269,067	46	Gross state product, 1994 (billions)	\$17.3	\$6,876.0	48
Civilian labor force, 1996 (000s)	390	135,528	46	of which, agriculture	11%	2%	
Personal income per capita, 1996	\$21,516	\$24,231	35	manufacturing, mining, construction	16%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures, 1996 (millions)	\$3,873	\$1,368,858	48	wholesale and retail trade	16%	16%	
R&D obligations, 1995 (millions)	\$26	\$67,080	52	finance, insurance, real estate services	20%	19%	
				government	16%	20%	
					14%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in South Dakota by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	26,492	13,428	0	2,737	8,392	847	1,088	52
Department of Agriculture	5,518	2,495	0	0	3,023	0	0	47
Department of Commerce	10	0	0	0	10	0	0	52
Department of Defense	366	335	0	31	0	0	0	51
Department of Energy	80	0	0	0	80	0	0	50
Dept. of Health & Human Services	2,745	562	0	335	581	847	420	50
Department of the Interior	5,838	3,549	0	2,051	238	0	0	23
Department of Transportation	668	0	0	0	0	0	668	48
Environmental Protection Agency	0	0	0	0	0	0	0	52
Nat'l Aeronautics & Space Admin.	7,760	6,487	0	255	1,018	0	0	31
National Science Foundation	3,507	0	0	65	3,442	0	0	50
State rank	52	46	na	49	52	49	46	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable